

SEQUENCE LISTING

<110> Lowell, George H. White, Gregory L. Burt, David S. Leanderson, Tomas B. Good, Michael F. Batzloff, Michael R. <120> VACCINE <130> 484112.413 <140> US 10/706,275 <141> 2003-11-13 <150> US 60/425,409 <151> 2002-11-15 <150> AU 2002302132 <151> 2002-11-15 <160> 19 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 14 <212> PRT <213> Artificial Sequence <220> <223> antigenic peptide sequence derivative of S. pyogenes Ala Ser Arg Glu Ala Lys Lys Gln Val Glu Lys Ala Leu Glu 5 <210> 2 <211> 29 <212> PRT <213> Artificial Sequence <220> <223> antigenic peptide derivative of S. pyogenes with flanking sequences <400> 2 Lys Gln Ala Glu Asp Lys Val Lys Ala Ser Arg Glu Ala Lys Lys Gln 10 15

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